





VIDEO



FRABOPRESS KOMBI is the innovative and exclusive solution of **V profile** copper and bronze **patented** pressfittings and it is the **UNIQUE** suitable for double use: **water and gas**.

FRABOPRESS KOMBI, with **Securfrabo** security system, is the series of copper and bronze press fittings available in a dimensional range between **12 and 54 mm**, suitable for gas and water installations. The fittings feature a **V profile**.

The gasket is characterized by high chemical-physical performances to satisfy the requirements of hygiene and purity, typical of drinking water applications.

The material of the gasket complies with EN 681-1 (**water applications**) and with EN 549 (**gas applications**).

Mixed connection fittings to other systems are made using bronze threaded parts with press ends. The threads comply with UNI EN 10226-1 standard.

FRABOPRESS KOMBI fittings comply with UNI 11065 class 1 (**water applications**) and class 2 (**gas applications**) and have a double mark, yellow and blue, which shows immediately the double possible application (water and gas).

For dimensions between **67 and 108 mm**, the range is completed by a series of **M profile** copper and bronze pressfittings with EPDM gasket, only for water application.

Materials: copper and bronze

FRABOPRESS KOMBI fittings are made of **copper** or **bronze**, according to whether threaded parts are present or not. The choice of these two materials, noble and used by humans since ancient times, is not by chance. Copper is a **hygienic and antibacterial material** that fights the formation of pathogenic bacteria for health, in particular legionella. For this reason, is ideal in plants for drinking water. Bronze, alloy mainly made of copper and tin, guarantees a hygienic safety and **high reliability** even in really unfavourable installation conditions, with no phenomena of dezincification, which can jeopardize the durability of the plant.

Applications

FRABOPRESS KOMBI is suitable for different kinds of installations such as, for example, domestic water and gas distribution systems, heating or cooling systems, firefighting and compressed-air systems.



DRINKING
WATER



HEATING



REFRIGERATION



GAS



COMPRESSED
AIR



FIREFIGHTING

Pressing profile

FRABOPRESS KOMBI fittings have **V profile**.

Approvals

	D.M. 174 06/04/2004	
	Deutscher Verein des Gas- und Wasserfaches DVGW W 534 DVGW G 5614	
	ITB	
	INIG	
	ARGB	

Suitable pipes

The reference standard for copper pipes suitable for sanitary applications is EN 1057. FRABOPRESS KOMBI fittings are suitable for installation with copper pipe, complying with this standard, in the three mentioned supply status (soft, half-hard, hard) and with the minimum wall thickness specified in the table below:

Ø (mm)	12	15	18	22	28	35	42	54
Minimum wall thickness (mm)	1,0	1,0	1,0	1,0	1,0	1,0	1,2	1,5
Supply status	soft, half-hard, hard					hard		



frabo
press
KOMBI



The **unique** suitable
for water and gas

Universal fitting



FRABOPRESS KOMBI is suitable for both **water** and **gas** installations.

The gasket satisfies the requirements of hygiene and purity, typical of drinking water applications. The material of the gasket complies with EN 681-1 (water applications) and with EN 549 (gas applications).

This double use, water and gas, means a big comfort on site too: the plumber can realize many kinds of plants, both water and gas, with a single product.

H2O^{DVGW} 



Indicates the suitability for drinking water distribution systems.



GAS^{DVGW}
PN5 GT/1
MOP5 T2



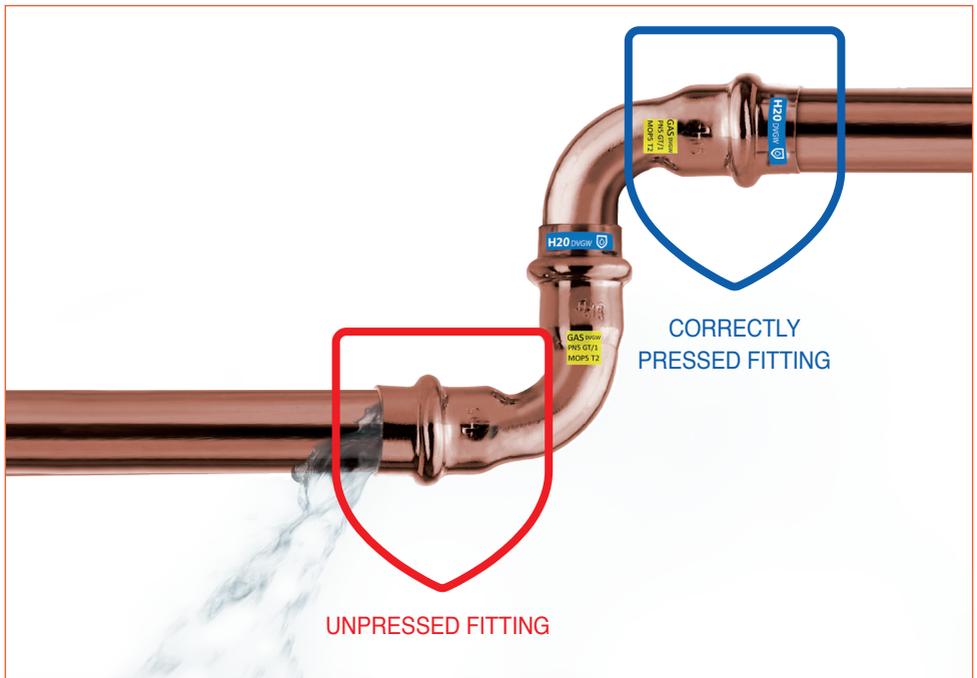
Indicates the suitability for gas distribution systems.





Securfrabo patented safety

Thanks to **Securfrabo** patented security system, it is possible to **detect fluid leakage during the test** of the system, if the fittings are not pressed. The leak proof test can be done with water and with compressed air too.



Installation instructions

To install FRABOPRESS KOMBI is quick and simple. Here, there are the different operations to assembly the system.



1) **Cut the pipes using suitable tools** that will avoid the risk of buckling. The use of hacksaws and disc grinding wheels are not recommended.



2) **Carefully deburr the pipe**, both internally and externally, as a possible residual burr could damage the O-rings and compromise the tightness of the connection.



3) **Check the correct position of the O-ring** inside the toroidal chamber and lubricate it with water and soap. Do not use oil or grease at all.



4) **Insert the pipe into the fitting** as far as the bottom, while turning it slightly. Mark the pipe with a pen in order to check any sliding before or during the pressing.



5) Provide the pressing tool with the suitable jaw (V) corresponding to the diameter of the fitting to be pressed.



6) Set the pressing tool properly and make sure that the toroidal chamber is inside the jaws. Carry out the pressing until the jaws touch each other.



7) Once pressed, the fitting guarantees both the **stiffness** of the whole system and the perfect tightness of the O-rings. Connections are now no longer divisible, and they resist against high stress. We recommend the periodical maintenance of the jaws, using a degreasing product.

Range

FRABOPRESS KOMBI is suitable in a dimensional range between **12 and 54 mm** with **V profile**. In dimensions between **67 and 108 mm**, the range is completed by a **M profile** range with EPDM gasket, suitable for water applications.



Art. RS9001
Copper M/F 90° elbow.



Art. RS9002
Copper F/F 90° elbow.



Art. RS9040
Copper M/F 45° elbow.



Art. RS9041
Copper F/F 45° elbow.



Art. RS9085
Copper F/F full crossover.



Art. RS9086
Copper M/F partial crossover.



Art. RS9270
Copper F/F coupling.



Art. RS9271
Copper F/F slip coupling.



Art. RS9130
Copper F/F/F tee.



Art. RS9131
Copper F/F/F reducing tee.



Art. RS9301
Copper F plug.



Art. RS9240
Copper F/F reducing coupling.



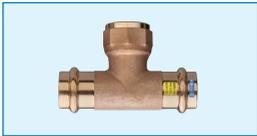
Art. RS9243
Copper M/F reducer.



Art. RS8090
Bronze F/female thread 90° elbow.



Art. RS8092
Bronze F/male thread 90° elbow.



Art. RS8130
Bronze F/female thread/F tee.



Art. RS8243
Bronze F/male thread adapter.



Art. RS8270
Bronze F/female thread adapter.



Art. RS8272
Bronze M/female thread adapter.



Art. RS8244
Bronze M/male thread adapter.



Art. RS8471
Bronze F/female thread 90° elbow with wallplate.



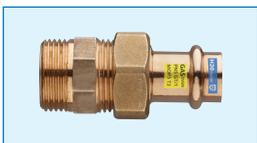
Art. RS8245
Bronze F/F adapter.



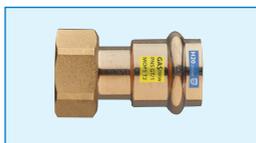
Art. RS8246
Bronze M/F adapter.



Art. RS8340
Bronze F/F flat seat joint.



Art. RS8341
Bronze F/male thread flat seat joint.



Art. RS8359
Bronze valve connector with a swivel nut in brass.

